

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10795825
	Filing Date		2004-03-08
	First Named Inventor	Morteza Cyrus Afghahi	
	Art Unit	2816	
	Examiner Name	Kenneth B. Wells	
	Attorney Docket Number	13435US04	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	3656003		1972-04-11	Chen et al.	
	2	4835418		1989-05-30	Hsieh, Hung-Cheng	
	3	4843264		1989-06-27	Galbraith, Douglas C.	
	4	4885720		1989-12-05	Miller et al.	
	5	4984202		1991-01-08	Kawahara et al.	
	6	5247479		1993-09-21	Young, Ian	
	7	5307316		1994-04-26	Takemae, Yoshihiro	
	8	5398206		1995-03-14	Akizawa et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10795825
Filing Date		2004-03-08
First Named Inventor	Morteza Cyrus Afghahi	
Art Unit	2816	
Examiner Name	Kenneth B. Wells	
Attorney Docket Number	13435US04	

	9	5491428		1996-02-13	Pan, Michael	
	10	5576999		1996-11-19	Kim et al.	
	11	5596536		1997-01-21	Koh, Hwa S.	
	12	5677917		1997-10-14	Wheelus et al.	
	13	5705945		1998-01-06	Wee, Reginald Siang-Tze	
	14	5712822		1998-01-27	Petrosino, Gianluca	
	15	5734616		1998-03-31	Kazama et al.	
	16	5748543		1998-05-05	Lee et al.	
	17	5751648		1998-05-12	Braceras et al.	
	18	5783949		1998-07-21	Reohr et al.	
	19	5805509		1998-09-08	Leung et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10795825
Filing Date		2004-03-08
First Named Inventor	Morteza Cyrus Afghahi	
Art Unit		2816
Examiner Name	Kenneth B. Wells	
Attorney Docket Number		13435US04

	20	5848003		1998-12-08	Nishikawa, Katsumi	
	21	5862089		1999-01-19	Raad et al.	
	22	5886929		1999-03-23	Becker et al.	
	23	5886941		1999-03-23	Tomita, Shozo	
	24	5898639		1999-04-27	Blodgett, Greg A.	
	25	5920515		1999-07-06	Shaik et al.	
	26	5923615		1999-07-13	Leach et al.	
	27	5930183		1999-07-27	Kojima et al.	
	28	5936906		1999-08-10	Proebsting, Robert J.	
	29	5953258		1999-09-14	Thomann, Mark R.	
	30	5953259		1999-09-14	Yoon et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10795825
Filing Date		2004-03-08
First Named Inventor	Morteza Cyrus Afghahi	
Art Unit	2816	
Examiner Name	Kenneth B. Wells	
Attorney Docket Number	13435US04	

	31	5956289		1991-09-21	Norman et al.	
	32	5959919		1999-09-28	Choi, Jae-Seung	
	33	5973978		1999-10-26	Cutter et al.	
	34	5995422		1999-11-30	Im et al.	
	35	6009024		1999-12-28	Hirata et al.	
	36	6016265		2000-01-18	Yoshida et al.	
	37	6026036		2000-02-15	Sekiya et al.	
	38	6026134		2000-02-15	Duffy et al.	
	39	6067269		2000-05-23	Han et al.	
	40	6084807		2000-07-04	Choi, Jin H.	
	41	6141288		2000-10-31	Numata et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10795825
Filing Date		2004-03-08
First Named Inventor	Morteza Cyrus Afghahi	
Art Unit		2816
Examiner Name	Kenneth B. Wells	
Attorney Docket Number		13435US04

	42	6147893		2000-11-14	Liu, Kwo-Jen	
	43	6151266		2000-11-21	Henkels et al.	
	44	6157585		2000-12-05	Kim, Duck Ju	
	45	6167540		2000-12-26	Azuma, Mitsuhiro	
	46	6172929		2001-01-09	Carson et al.	
	47	6188641		2001-02-13	Uchida, Toshiya	
	48	6205064		2001-03-20	Ooishi, Tsukasa	
	49	6215727		2001-04-10	Parson et al.	
	50	6236617		2001-05-22	Hsu et al.	
	51	6278641		2001-08-21	Chen et al.	
	52	6337601		2002-01-08	Klemmer, Nikolaus	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10795825
Filing Date		2004-03-08
First Named Inventor	Morteza Cyrus Afghahi	
Art Unit		2816
Examiner Name	Kenneth B. Wells	
Attorney Docket Number		13435US04

	53	6363030		2002-03-26	Ooishi; Tsukasa	
	54	6411557		2002-06-25	Terzioglu et al.	
	55	6414899		2002-07-02	Afghahi et al.	
	56	6417697		2002-07-09	Afghahi et al.	
	57	6535025		2003-03-18	Terzioglu et al.	
	58	6597201		2003-07-22	Parris et al.	
	59	6603712		2003-08-05	Afghahi et al.	
	60	6611465		2003-08-26	Terzioglu et al.	
	61	6618302		2003-09-09	Terzioglu et al.	
	62	6628564		2003-09-30	Takita et al.	
	63	6707316		2004-03-16	Afghahi et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10795825
Filing Date		2004-03-08
First Named Inventor	Morteza Cyrus Afghahi	
Art Unit		2816
Examiner Name	Kenneth B. Wells	
Attorney Docket Number		13435US04

	64	6711087		2004-03-23	Afghahi et al.	
	65	6724681		2004-04-20	Terzioglu et al.	
	66	6745354		2004-06-01	Terzioglu et al.	
	67	6781421		2004-08-24	Terzioglu et al.	
	68	6888778		2005-05-03	Terzioglu et al.	
	69	6894231		2005-05-17	Winograd et al.	
	70	6937538		2005-08-30	Terzioglu et al.	
	71	7005892		2006-02-28	Afghahi et al.	
	72	7035163		2006-04-25	Terzioglu et al.	
	73	7082076		2006-07-25	Terzioglu et al.	
	74	7110309		2006-09-19	Terzioglu et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10795825
Filing Date	2004-03-08
First Named Inventor	Morteza Cyrus Afghahi
Art Unit	2816
Examiner Name	Kenneth B. Wells
Attorney Docket Number	13435US04

75	7113004		2006-09-26	Terzioglu et al.	
76	7173867		2007-02-06	Terzioglu et al.	
77	7411846		2008-08-12	Terzioglu et al.	
78	7821853		2010-10-26	Terzioglu et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

**U.S.PATENT APPLICATION PUBLICATIONS**

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

**FOREIGN PATENT DOCUMENTS**

Remove

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	0745995	EP		1996-12-04	SGS-Thomson Microelectronics S.r.l.		<input type="checkbox"/>
	2	0974978	EP		2000-01-26	Samsung Electronics Co., Ltd.		<input type="checkbox"/>



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10795825
Filing Date	2004-03-08
First Named Inventor	Morteza Cyrus Afghahi
Art Unit	2816
Examiner Name	Kenneth B. Wells
Attorney Docket Number	13435US04

3	10134573	JP		1998-05-22	Hitachi Ltd		<input type="checkbox"/>
---	----------	----	--	------------	-------------	--	--------------------------

If you wish to add additional Foreign Patent Document citation information please click the Add button **Add**

**NON-PATENT LITERATURE DOCUMENTS**

**Remove**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	Kiyoo Itoh, et al., Trends In Low-Power RAM Circuit Technologies, Proceedings of the IEEE, vol. 83, No. 4, pp. 524-543, Apr. 1995.	<input type="checkbox"/>
	2	Communication with International Search Report corresponding to International Application No. PCT/US01/03342, mailed November 30, 2001.	<input type="checkbox"/>
	3	Communication with European Search Report corresponding to European Application No. EP 03024893 mailed February 18, 2004.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button **Add**

**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10795825
Filing Date	2004-03-08
First Named Inventor	Morteza Cyrus Afghahi
Art Unit	2816
Examiner Name	Kenneth B. Wells
Attorney Docket Number	13435US04

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Michael T. Cruz/	Date (YYYY-MM-DD)	2011-12-01
Name/Print	Michael T. Cruz	Registration Number	44636

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

## Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.